**Exercise 2: Parameterized Logging**

1. Logback.xml

<configuration>

<appender name="CONSOLE" class="ch.qos.logback.core.ConsoleAppender">

<encoder>

<pattern>%d{HH:mm:ss} [%thread] %-5level %logger{36} - %msg%n</pattern>

</encoder>

</appender>

<root level="info">

<appender-ref ref="CONSOLE" />

</root>

</configuration>

1. ParameterizedLoggingExample.java

package com.exercise2;

import org.slf4j.Logger;

import org.slf4j.LoggerFactory;

public class ParameterizedLoggingExample {

private static final Logger ***logger*** = LoggerFactory.*getLogger*(ParameterizedLoggingExample.class);

public static void main(String[] args) {

String user = "Vishal";

int id = 1024;

***logger***.info("User {} has logged in with ID {}", user, id);

***logger***.warn("Warning issued to user {} (ID: {}) for suspicious activity", user, id);

***logger***.error("Error encountered while processing request for user: {}", user);

}

}

Output:

A screenshot of a computer program

AI-generated content may be incorrect.